

SIEMENS 6ES7312-5BD01-0AB0 SIMATIC S7-300 CPU312C COMPACT CPU WITH MPI 10 DI/6 DO, 2 FAST COUNTERS (10 KHZ)

Basic Information

- Place of Origin: Germany
- Brand Name: SIEMENS
- Certification: CE
- Model Number: 6ES7312-5BD01-0AB0
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 15,10 x 15,40 x 4,60
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability: 100



Product Specification

- Number Of Digital Inputs: 16
- Number Of Analog Outputs: 8
- Number Of Counters: 8
- Communication Interfaces: MPI/PROFIBUS DP
- Number Of Timers: 8
- Power Supply: 24V DC
- Number Of Analog Inputs: 8
- Number Of Digital Outputs: 16
- Operating Temperature: 0-60°C
- Dimensions: 80 X 125 X 120 Mm
- Weight: 0.6 Kg
- Cpu Type: S7-300
- Protection Class: IP20
- Memory: 256 KB

Product Description

SIEMENS 6ES7312-5BD01-0AB0 SIMATIC S7-300 CPU312C COMPACT CPU WITH MPI 10 DI/6 DO, 2 FAST COUNTERS (10 KHZ)

The SIEMENS 6ES7312-5BD01-0AB0 is a CPU module from the SIEMENS SIMATIC S7-300 series. Here are the details about the SIEMENS 6ES7312-5BD01-0AB0:

1. Model: The 6ES7312-5BD01-0AB0 is a specific model of the CPU module used in the SIMATIC S7-300 PLC system.
2. Function: The CPU module serves as the central processing unit for the PLC system. It performs control and processing tasks, executes the user program, communicates with other modules and devices, and manages the overall operation of the system.
3. CPU312C: The "C" in the model name indicates that this is a CPU312C module. The CPU312C typically offers integrated digital I/O capabilities, allowing for direct connection and control of digital devices.
4. Digital Inputs/Outputs: The CPU312C module usually includes 10 digital inputs (DI) and 6 digital outputs (DO). These inputs and outputs enable the connection and control of digital devices such as sensors, switches, and actuators.
5. Memory: The CPU312C module has a memory capacity of 16KB. This includes program memory for storing the user program, data memory for storing variables and data, and system memory for system-related information and operation.

The SIEMENS 6ES7312-5BD01-0AB0 CPU module with the CPU312C configuration is suitable for applications that require control processing with integrated digital I/O capabilities. It provides a compact solution for controlling and monitoring digital devices within the automation system.

For detailed information about the SIEMENS 6ES7312-5BD01-0AB0 CPU module, including its specifications, programming capabilities, communication options, and application-specific details, it is recommended to refer to the official documentation provided by SIEMENS or contact their technical support. They can provide you with accurate and up-to-date information based on your specific requirements and the latest product information available.

Product	
Article Number (Market Facing Number)	6ES7312-5BD01-0AB0
Product Description	SIMATIC S7-300, CPU 312C COMPACT CPU WITH MPI, 10 DI/6 DO, 2 FAST COUNTERS (10 KHZ), INTEGRATED 24V DC POWER SUPPLY, 16 KBYTE WORKING MEMORY, FRONT CONNECTOR (1 X 40PIN) AND MICRO MEMORY CARD REQUIRED
Product family	Not available
Product Lifecycle (PLM)	PM500:Discontinued Product or end of PLM & Support
PLM Effective Date	End of product lifecycle since: 01.10.2013
Notes	Product is no longer available. Successor: 6ES7312-5BF04-0AB0 Compare Products
Successor information	
Successor	6ES7312-5BF04-0AB0
Successor Description	SIMATIC S7-300, CPU 312C Compact CPU with MPI, 10 DI/6 DQ, 2 high-speed counters (10 kHz) Integr. power supply 24 V DC, work memory 64 KB, Front connector (1x 40-pole) and Micro Memory Card required
Price data	
Region Specific PriceGroup / Headquarter Price Group	2AP / 2AP
List Price	Show prices
Customer Price	Show prices
Surcharge for Raw Materials	None
Metal Factor	None
Delivery information	
Export Control Regulations	ECCN : N / AL : N
Estimated dispatch time (Working Days)	1 Day/Days
Net Weight (kg)	0,468 Kg
Packaging Dimension	13,10 x 15,40 x 8,80
Package size unit of measure	CM
Quantity Unit	0 Piece
Packaging Quantity	1
Additional Product Information	
EAN	4025515069645
UPC	Not available
Commodity Code	85389091
LKZ_FDB/ CatalogID	ST9-E5

Product Group	4302
Group Code	R111
Country of origin	Germany



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